

Peaceful Nuclear Cooperation

U.S. Support for NPT Article IV

UNITED STATES & YEMEN

Through the International Atomic Energy Agency (IAEA), the United States contributes to the work of many countries using nuclear materials and technology for peaceful purposes. In recent years, U.S. support has focused on achieving tangible and lasting benefits in fields that are vital to human development, including agriculture, human health, water resource management, and human resource development. Since 2000, the IAEA has approved and funded \$8,739,620, including \$306,963 in 2013, under its Technical Cooperation (TC) program for projects in Yemen.

In addition to the United States' longstanding support for the IAEA's activities to promote peaceful nuclear applications, at the 2010 NPT Review Conference, the United States announced a \$100 million USD effort to expand this support over the next five years. The United States has pledged \$50 million towards the IAEA's Peaceful Uses Initiative (PUI), focusing on human health, food security, water resource management, and nuclear power infrastructure development.



Power plant under construction. Credit: Kansai Electric Power Co.

The United States views its support for peaceful uses of nuclear energy, to which all NPT Parties are entitled, as a critical part of its broader effort to strengthen the IAEA and the global nuclear nonproliferation regime. The U.S. has already designated over \$22 million for IAEA projects benefitting over 120 countries, including Yemen, for which funding was previously unavailable. The United States is working with partners to reach the \$100 million goal, and welcomes commitments of over \$12 million from Japan, the Republic of Korea, New Zealand, the Czech Republic, Hungary, Sweden, Australia, France, Indonesia, Brazil, Italy, the UK and Kazakhstan.

In addition to several national TC projects, Yemen is participating in numerous regional TC projects in areas such as agriculture, human health, and nuclear safety and security.

NUCLEAR ENERGY

An increasing number of Member States are considering nuclear power as part of their electricity generation options, and those Member States need comprehensive and credible information on nuclear power issues such as cost and benefit, energy security and environmental impact to support their decision making. Yemen recently participated in a regional TC project supported by the United States that provided comprehensive information to Member States to support their decision making regarding nuclear power planning and development.

NUCLEAR SAFETY

Yemen recently participated in a regional TC project supported by the United States to strengthen the

remaining elements of its national regulatory framework for radiation safety to meet international safety standards as well as to establish a regional network of regulatory authorities to exchange information and share experiences.

HUMAN HEALTH

One of the greatest challenges developing countries face in fighting cancer is devising plans for building cancer control capacity. In recognition of this, the IAEA's Programme of Action for Cancer Therapy (PACT) has developed PACT Model Demonstration Sites (PMDS) in eight Member States, including Yemen. These sites, supported with contributions from the United States, aim to demonstrate the effectiveness of evidence-based strategies and the benefits of synergic partnerships for the advancement of comprehensive cancer capacity building. The PMDS benefit from provision of radiation medicine equipment, expert missions, and additional cancer control capacity building activities.

HUMAN RESOURCES

To contribute to Member States' manpower development, the IAEA awards individual fellowships and organizes group training courses. Since 2000, the United States has hosted two training courses that included Yemeni participants in the fields of nuclear security and nuclear power and nuclear safety infrastructure.

FOR ADDITIONAL INFORMATION, CONTACT:

Office of Multilateral Nuclear and Security Affairs, U.S. Department of State, 2201 C. Street NW, Washington, DC 20520 | www.state.gov